

10/505229

DT09 Rec'd PCT/PTO 20 AUG 2004

1 / 2 0

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<120> A new promoter

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<150> JP 2002-105240

<151> 2002-4-18

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29

<210> 2

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2 / 2 0

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<223> PCR Primer for Sc-ACT1 3'

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<210> 3

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<223> PCR Primer for Sc-GAP3 5'

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<223> PCR Primer for Sc-GAP3 3'

3 / 2 0

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<223> PCR Primer for Sc-PMA1 5'

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4 / 2 0

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<213> Artificial Sequence

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<400> 8

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<211> 1300

<212> DNA

<213> Candida maltosa

<220>

<223> Cm-ACT1 Promoter

<400> 9

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<211> 3000

<212> DNA

<213> Candida maltosa

<220>

<223> Cm-GAP3 Promoter

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<210> 11

<211> 3173

<212> DNA

<213> Candida maltosa

<220>

<223> Cm-PMA1 Promoter

<400> 11

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atctatggat gtttggatga attaagtcaa gtttgtgtta ttctgtatga aagagacata 660
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<211> 1675

<212> DNA

<213> Candida maltosa

<220>

<223> Cm-TEF1 Promoter

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gtagaagaac tgatccacaa gctgcaagaa accaaagaag aagaagttcc acttccacta 180
cgagatcatc tggtgatagt gcattaaacg ctgaagggtt gattaatcct tctgccacca 240

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⟨212⟩ DNA

⟨213⟩ Artificial Sequence

⟨220⟩

⟨223⟩ ORF2S

⟨400⟩ 13

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caa gcc ttg ttg caa act aac ttg gat gat ttg ggt caa gtt ttg gaa	144
caa ggt tct caa cca tgg caa ttg att caa gct caa atg aat tgg	192
tgg caa gat caa tta aaa ttg atg caa cac act ttg tta aaa tct gct	240
ggt caa cca tct gaa cca gtt att act cca gaa aga tct gat aga aga	288
ttt aaa gct gaa gct tgg tct gaa caa cca att tat gat tac tta aaa	336
caa tcc tat ttg tta act gct aga cat ttg ttg gct tct gtt gat gct	384
ttg gaa ggt gtc cca caa aaa tct aga gaa aga ttg aga ttc ttt act	432
aga caa tac gtc aac gct atg gct cca tct aat ttc ttg gct act aac	480
cca gaa ttg tta aaa ttg act ttg gaa tcc gat ggt caa aat ttg gtt	528
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gaa gcc gct act ggt gaa aga gaa gtt cac ggt att ggt tac tgt att	960
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gtc aaa gtt aga tta aac cca gtt ttc gct tgt cca acc gaa gat	1776
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⟨210⟩ 14

⟨211⟩ 218

⟨212⟩ DNA

⟨213⟩ *Candida maltosa*

⟨220⟩

⟨223⟩ terminator ALK1t

⟨400⟩ 14

Atagatggat ttttctttt tatgtgtatt tccggtaat aaatgtttaa atttttttt 60
taataaaaat attttagtt atttatatgc aaaaaaaaaa aatattcaaa gcaatcttcc 120
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taaccgtata atactaagat caatctccaa agatgcat

218

⟨210⟩ 15

⟨211⟩ 1017

⟨212⟩ DNA

⟨213⟩ Candida maltosa

⟨220⟩

⟨223⟩ promoter ALK1p

⟨400⟩ 15

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aagatttgac ttgctgatga aaatgctatc agttagctc tagacttgat actagactat 180
gatggcaaca catggggtc aacgtgcaag acatcaccca atgagaagac tgctaaccag 240
aaaaaaaaagg ggacaaaaga aaaactcgag agaaaaagtc aaattgggt aaaaattggct 300
attttggtt cttcctaattt gggaaatta attgtttaaa attccagttt ttccagagtt 360
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1 5 / 2 0

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⟨211⟩ 46

⟨212⟩ DNA

⟨213⟩ Artificial Sequence

⟨220⟩

⟨223⟩ PCR Primer for ALK1p 5'

⟨400⟩ 16

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46

⟨210⟩ 17

⟨211⟩ 39

⟨212⟩ DNA

⟨213⟩ Artificial Sequence

⟨220⟩

⟨223⟩ PCR Primer for ALK1p 3'

⟨400⟩ 17

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39

1 6 / 2 0

⟨210⟩ 18

⟨211⟩ 32

⟨212⟩ DNA

⟨213⟩ Artificial Sequence

⟨220⟩

⟨223⟩ PCR Primer for ALK1t 5'

⟨400⟩ 18

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32

⟨210⟩ 19

⟨211⟩ 45

⟨212⟩ DNA

⟨213⟩ Artificial Sequence

⟨220⟩

⟨223⟩ PCR Primer for ALK1t 3'

⟨400⟩ 19

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<223> PCR Primer for Cm-TEF1p 5'

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38